

May 26, 1995
SP307:052695:02

Mr. Andy Ledford
EG&G Rocky Flats
P.O. Box 464, Building 080
Golden, Colorado 80402-0464

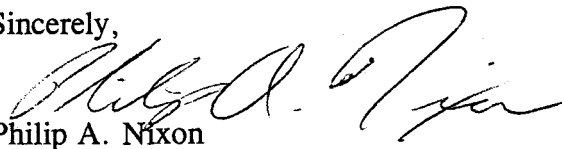
Subject: Weekly Project Status Report

Dear Mr. Ledford:

Provided in this transmittal is the Weekly Project Status Report for the Period of May 19, 1995 - May 26, 1995. This report has been prepared in accordance with your request for a weekly summary of activities and action items, and merges the reports of the OU4 Phase I RFI/RI project and the OU4 Phase I IM/IRA Project. Attachment #1 provides the expenditures for the week from May 12, 1995 through May 19, 1995. Attachment #2 provides a status schedule for the relevant active tasks.

If you have any questions, please contact me at 764-8811.

Sincerely,



Philip A. Nixon
Project Manager, Solar Pond Phase I

cc:

B. Troutman, EG&G
M. McKee, EG&G
E. Atchinson, EG&G
T. Meins, EG&G
T. Kramer, EG&G
M. Bretz, EG&G
M. Matthews -
EG&G Records (2)

R. Cropper
G. DeWeese
W. Edmonson
H. Heidkamp
N. Hilmar
P. Holland
T. Kuykendall
A. Putinsky
R. Schmiermund
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WEEKLY PROJECT STATUS REPORT

ACTIVITIES AND ACCOMPLISHMENTS FOR THE REPORTING PERIOD:

OU4 IM/IRA

- 1) Parsons ES issued draft meeting minutes SP307:051995:02 from the May 17, 1995 team meeting at the May 23, 1995 team meeting. These meeting minutes were issued for review and comment.
- 2) Parsons ES issued meeting minutes from a design coordination meeting held on May 22, 1995. The minutes SP307:052295:02 were issued on May 25, 1995.
- 3) Parsons ES issued draft meeting minutes SP307:052495:02 on May 25, 1995 from the May 23, 1995 team meeting.
- 4) Letter SP307:052495:03 was issued on May 24, 1995 concerning an approach to addressing the OU4 seismic issue.

OU4 Phase I RFI/RI

- 1) Parsons ES submitted letter SP307:052495:01 on May 24, 1995 discussing the revised SEP 207-C drilling strategy.

REPORT SUMMARY AND FUTURE ACTIONS:

OU4 IM/IRA

IM/IRA-dd

Public comments have been received which initiated the Responsiveness Summary. Comments from the CDPHE were received on schedule. EPA comments were not received until April 18, 1995. Parsons ES is preparing the Responsiveness Summary. A meeting was held on April 21, 1995 to discuss the draft Responsiveness Summary that was issued on May 10, 1995. Parsons ES is responding to the comments on the Draft Responsiveness Summary so that a final document is ready for submittal to the regulatory agencies on June 9, 1995.

Design

The 60% Design review meeting was held on April 10, 1995 at the Jefferson County Airport. Parsons ES performed a design analysis with respect to the impacts and advantages from flattening out the subsurface drain. This information was presented at the weekly team meeting. An analysis of nitrate leaching was performed for the soils that might be left in place. The predicted leachate concentrations exceed the groundwater protection standard and the state standard at the point of compliance. Parsons ES submitted responses to the 60% Design review comments. Parsons ES is currently incorporating the 60% Design review comments and is working on completing the 90% Design package. The 90% Design package is in the Parsons ES internal checking procedure. Parsons ES is also working closely with EG&G to investigate a concern that the asphalt low-permeability layer will not maintain its integrity for the 1,000-year period of performance.

Other Items

The VS2DT task is on hold until the Brown & Root team completes the treatability studies. Parsons ES issued a budget for additional VS2DT modeling to assess the amount of contaminants that will remain in the consolidated materials after the 1000-year period of performance. In addition, the modeling will include a determination of the maximum anticipated leachate concentration, and when that maximum concentration is expected to occur. Parsons ES is not currently working on this task.

Parsons ES issued a modified alternative evaluation cost estimate spreadsheet in response to DOE's request for additional cost screening of alternatives. Parsons ES is not currently working on this task.

Parsons ES provided a draft Commerce Business Daily (CBD) request for the solicitation for a construction subcontractor. In addition, a draft solicitation questionnaire was also submitted for EG&G review and comment. These efforts were performed to support Title III activities. A meeting was attended on April 26, 1995 to discuss contracting strategies. The EG&G procurement team prefers to issue a fixed price contract for the closure construction. Parsons ES is not currently working on this task.

OU4 Phase I RFI/RI

The sludge has been removed, and Parsons ES issued an organization chart for the C-pond drilling activities to EG&G. A training matrix is also being prepared. These documents are being prepared to support the EG&G Readiness Review for the C-pond sampling. Parsons ES is submitted on a DMR for the modifications to the Phase I RFI/RI Work Plan to collect near surface samples via hand augering.

OU4 Phase I IM/IRA
Hours for Week Ending 5/19/95

Employee	Hours	Rate	Cost	Scope of Services
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WBS 1.5 - Responsiveness Summary

Stegen	6.0	98.40	\$ 590.40	Review of State/EPA Comments
Subtotal	6.0		\$ 590.40	

OU4 Phase I IM/IRA
Hours for Week Ending 5/19/95

Employee	Hours	Rate	Cost	Scope of Services
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WBS 1.6 - Project Management

Nixon	18.0	78.72	\$ 1,416.96	Project Management
Dillon	2.0	44.98	\$ 89.96	Meeting Support
Potenza	2.5	44.98	\$ 112.45	Meeting Support
Poore	11.0	28.11	\$ 309.21	Clerical
Roth	7.0	28.11	\$ 196.77	Clerical/Modem Support
Subtotal	40.5		\$ 2,125.35	

OU4 Phase I IM/IRA
Hours for Week Ending 5/19/95

Employee	Hours	Rate	Cost	Scope of Services
WBS 2.1.4 - Asphalt Testing				
Glade	13.5	40.77 \$	550.40	Work on Asphalt Specifications

OU4 Phase I IM/IRA
Hours for Week Ending 5/19/95

Employee	Hours	Rate	Cost	Scope of Services
WBS 2.2 - 90% Design Package				
Cole	22.5	98.40	\$ 2,214.00	Drainage Calculations
Edmonson	40.0	98.40	\$ 3,936.00	Estimating/Project Engineering
Hilmar	6.0	98.40	\$ 590.40	QA
Young II	14.0	98.40	\$ 1,377.60	Seed Specifications
Schmiermund	3.0	98.40	\$ 295.20	Sampling/Analysis Spec
Heidkamp	30.0	78.72	\$ 2,361.60	Spec Checking
Rose'	11.0	61.85	\$ 680.35	Calculation Checking (Geotech)
Stenseng	40.0	61.85	\$ 2,474.00	Cover Design
Lemke	26.0	61.85	\$ 1,608.10	Utilities Checking
Creek	35.0	47.79	\$ 1,672.65	Geotechnical Design
Hartfelder	27.0	47.79	\$ 1,290.33	Utility Drawing Blow-Up
Kennedy	29.0	47.79	\$ 1,385.91	Sampling/Analysis Spec
Healy	10.5	44.98	\$ 472.29	Drafting
Robertson	22.5	44.98	\$ 1,012.05	Drafting
Turk	35.0	44.98	\$ 1,574.30	Drafting
Wojciechowski	20.0	44.98	\$ 899.60	Drafting
Schenfeld	2.5	44.98	\$ 112.45	Estimating
McConn	2.0	40.77	\$ 81.54	Sampling Spec
Baskett	24.0	28.11	\$ 674.64	Drafting
Ditzel	0.5	28.11	\$ 14.06	Spec Typing
Subtotal	400.5		\$ 24,727.07	

OU4 Phase I IM/IRA
Hours for Week Ending 5/19/95

Employee	Hours	Rate	Cost	Scope of Services
WBS 2.4 - Title II Design Project Management				
Wilkinson	20.0	112.46	\$ 2,249.20	Program Management
Hilmar	7.0	98.40	\$ 688.80	QA
Nixon	22.0	78.72	\$ 1,731.84	Project Management
Putinsky	5.0	61.85	\$ 309.25	Project Controls
Subtotal	54.0		\$ 4,979.09	

OU4 Phase I IM/IRA
Hours for Week Ending 5/19/95

Employee	Hours	Rate	Cost	Scope of Services
Total for Week 5/19/95	514.5		\$ 32,972.30	

ACTIVITY ID		ACTIVITY DESCRIPTION		EARLY START	EARLY FINISH	REM DUR	FY94		FY95		FY96	
							DIRECT PROJECT SUPPORT					
1.0	DIRECT PROJECT SUPPORT			23AUG93A	15DEC95	141						
1.1	PROJECT MANAGEMENT			23AUG93A	15DEC95	141						
							1.5 IM/IRA-EA DD - RESP SUMMARY					
4.13	PUBLIC COMMENT PERIOD			13FEB95A	16MAY95A	0						
4.14	PREPARE RESPONSIVENESS SUMMARY			12APR95A	18AUG95	59						
4.14.1	PREPARE COMMENT/RESPONSE DOCUMENT			12APR95A	10MAY95A	0						
4.14.2	ISSUE DRAFT RS TO EG&G				10MAY95A	0						
4.14.3	EG&G/DOE REVIEW			11MAY95A	26MAY95A	0						
4.14.3.1	PES RESOLVES COMMENTS			26MAY95	6JUN95	7						
4.14.3.2	PREPARE/COPY RESPONSIVENESS SUMMARY			7JUN95	8JUN95	2						
4.14.3.3	SUBMIT RESPONSIVENESS SUMMARY TO AGENCIES				8JUN95	0						
4.14.4	AGENCY REVIEW AND COMMENT			9JUN95	10JUL95	21						
4.14.4.5	PES RESOLVES COMMENTS			11JUL95	24JUL95	10						
4.14.4.6	PES INCORPORATES COMMENTS			25JUL95	7AUG95	10						
4.14.5	PES REVISES RESPONSIVENESS SUMMARY & DD			8AUG95	18AUG95	9						
4.16	SUBMIT FINAL PHASE I IM/IRA RS & DD TO EG&G				21AUG95	0						
4.16.0	EG&G/DOE SUBMIT FINAL RS & DD TO AGENCIES			22AUG95	29AUG95	6						
4.16.1	EPA/CDH APPROVAL FINAL IM/IRA & RS			30AUG95	28SEP95	21						
15.1.1	TECHNICAL/REGULATORY SUPPORT			5JUL94A	28SEP95	87						
21.0	VS2ST MODELING			7SEP94A	25AUG95	64						
21.7	COMPILE ESTIMATES OF ALL INITIAL MODEL PARAMETER			13OCT94A	26MAY95	1						
21.23	HNUS PROVIDES SOIL TESTING RESULTS TO PES			27FEB95A	2JUN95	4						
21.24	HNUS PREPARES WASTE MIXTURE TO PES SPECS			5JUN95	9JUN95	5						
21.25	HNUS PERFORMS PHYSICAL TESTING ON MIXTURE			12JUN95	14JUL95	24						
21.26	HNUS PERFORMS LEACHABILITY TESTING ON MIXTURE			12JUN95	14JUL95	24						
21.27	HNUS PROVIDES MIXTURE TESTING RESULTS TO PES			17JUL95	21JUL95	5						
21.28	PES PERFORMS VS2ST MODELING WITH HNUS RESULTS			24JUL95	25JUL95	2						
							1.7 IM/IRA-EA DD - TECHNICAL/REGULATORY SUPPORT					
							1.7.2 VS2ST MODELING					

ACTIVITY ID		ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	REM DUR
1.7.2 VS2DT MODELING					
21.29	PES EVALUATES MODELING RESULTS	26JUL95	1AU695	5	
21.30	PES PRODUCE FINAL MODELING REPORT	2AU695	8AU695	5	
21.31	PES INTERCHECK OF FINAL MODELING REPORT	9AU695	11AU695	3	
21.32	RESPOND TO COMMENTS	14AU695	16AU695	3	
21.33	PES COMPLIANCE REVIEW OF FINAL MODELING REPORT	17AU695	18AU695	2	
21.34	RESPOND TO COMMENTS	21AU695	22AU695	2	
21.35	FINALIZE AND REPRODUCE FINAL MODELING REPORT	23AU695	25AU695	3	
21.36	SUBMIT FINAL MODELING REPORT TO EG&G	25AU695	25AU695	0	
2.1.4 60% DESIGN - ASPHALT TESTING					
20.0	ASPHALT TESTING	7OCT94A	21JUL95	39	
20.11	CONDUCT TESTING OF ASPHALT MIXES	9JAN95A	2JUN95	5	
20.11.4	CONDUCT 1000 HOUR TEST	25APR95A	16JUN95	10	
20.12	RECEIVE RESULTS FROM LABORATORY		16JUN95	0	
20.13	EVALUATE LAB RESULTS	19JUN95	23JUN95	5	
20.13.5	VERIFY DESIGN ADEQUACY		23JUN95	0	
20.14	PREPARE REPORT	26JUN95	10JUL95	10	
20.15	PES INTERCHECK REPORT	11JUL95	12JUL95	2	
20.16	RESPOND TO COMMENTS	13JUL95	13JUL95	1	
20.17	PES COMPLIANCE REVIEW	14JUL95	17JUL95	2	
20.18	RESPOND TO COMMENTS	18JUL95	18JUL95	1	
20.19	FINALIZE & REPRODUCE REPORT	19JUL95	20JUL95	2	
20.20	SUBMIT REPORT TO EG&G	21JUL95	21JUL95	1	
2.2. 90% DESIGN					
8.0	90% TITLE II DESIGN	24JAN95A	8AU695	51	
8.2.2	BEGIN FINALIZING CALCULATIONS	13FEB95A	19MAY95A	0	
8.2.3	PREPARE NEW SPECIFICATIONS	13FEB95A	19MAY95A	0	
8.2.4.1	UPDATE/FINALIZE DRAWINGS	20MAR95A	19MAY95A	0	
8.2.4.2	UPDATE/FINALIZE SPECIFICATIONS	20MAR95A	19MAY95A	0	
8.2.4.3	UPDATE DESIGN BASIS	20MAR95A	19MAY95A	0	
8.2.5	INTRACHECK	21APR95A	19MAY95A	0	
8.2.4.4	COMPL DRAWINGS, CALCS, SPECS FOR INTERCHECK		19MAY95A	0	
Sheet 2 of 3					
Plot Date 25MAY95 Data Date 26MAY95 Project Start 23AUG93 Project Finish 14NOV96		Activity Bar/Reply Date Critical Activity Prepare Rep Milestone/Flag Activity		PARSONS ENGINEERING SCIENCE, INC. OU4 PHASE I IM/IRA REMAINING ACTIVITIES	
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				Checked	Approved

ACTIVITY ID	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	REM DUR
8.2.4.5	PROVIDE DRAWINGS/SPECS TO ERM	22MAY95A	22MAY95A	0
8.2.6	INTERCHECK REVIEW	22MAY95A	26MAY95A	0
8.2.6.1	REVISE DRAWINGS/SPEC PER INTERCHECK REVIEW	26MAY95	30MAY95	2
8.2.6.2	COMPLIANCE REVIEW	31MAY95	6JUN95	5
8.2.6.3	REVISE DRAWINGS/SPEC PER COMPLIANCE REVIEW	7JUN95	9JUN95	3
8.2.7	FINALIZE AND REPRODUCE	12JUN95	13JUN95	2
8.2.7.1	ISSUE IM/IRA 90% DESIGN TO EG&G	13JUN95	13JUN95	0
8.2.9	EG&G/DOE REVIEW 90% PACKAGE	14JUN95	7AUG95	38
8.2.10	IM/IRA 90% DESIGN PACKAGE REVIEW MEETING	8AUG95	8AUG95	1
9.0	FINAL DESIGN	9AUG95	22DEC95	95
9.2	PES RESOLVES COMMENTS	9AUG95	22AUG95	10
9.3	PES INCORPORATES COMMENTS	23AUG95	6SEP95	10
9.4	ISSUE FINAL DESIGN		6SEP95	0
9.5	EG&G/DOE TRANSFER FINAL DESIGN TO AGENCIES	7SEP95	17OCT95	29
9.6	AGENCY APPROVAL OF FINAL DESIGN	18OCT95	1DEC95	31
9.7	INCORPORATE FINAL DESIGN COMMENTS FROM AGENCIES	4DEC95	15DEC95	10
9.8	FINAL IM/IRA DESIGN		18DEC95	0
9.9	AGENCY APPROVAL OF FINAL IM/IRA DESIGN	19DEC95	22DEC95	4
19.0	TITLE III SERVICES	23JAN95A	1NOV96	369
19.0.5	INITIAL PROCUREMENT ACTIVITIES	23JAN95A	13SEP95	76
19.1	RECEIVE BIDS FROM EG&G	14SEP95	14SEP95	1
19.2	EVALUATE BIDS	14SEP95	20SEP95	5
19.9	SUBMIT REPORT TO EG&G		20SEP95	0
19.10	EG&G SELECTS CONTRACTOR	21SEP95	27SEP95	5
19.11	REVIEW & RESPOND TO SPEC SUBMITTALS	28SEP95	1NOV96	283
19.11.1	RECEIVE & LOG SUBMITTALS	28SEP95	30CT96	262
19.11.2	SUBMITTAL APPROVAL/REJECTION	12OCT95	1NOV96	273

Plot Date 25MAY95
Data Date 26MAY95
Project Start 23AUG93
Project Finish 1NOV96

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PARSONS ENGINEERING SCIENCE, INC.
OU4 PHASE I IM/IRA
REMAINING ACTIVITIES

Activity Bar/Early Dates
Activity Progress Bar
Milestone/Flag Activity

Plot Date 25MAY95
Data Date 26MAY95
Project Start 23AUG93
Project Finish 1NOV96

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OU4 PHASE I IM/IRA
REMAINING ACTIVITIES

Activity Bar/Early Dates
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Milestone/Flag Activity

Plot Date 25MAY95
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Project Start 23AUG93
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OU4 PHASE I IM/IRA
REMAINING ACTIVITIES

Activity Bar/Early Dates
Activity Progress Bar
Milestone/Flag Activity